

SAFETY NEWS

NECA Boston Chapter at the Forefront of Safety in Electrical Construction and Telecommunications

Leading the industry in safety training and initiatives to establish and maintain safest possible workforce and worksites



ity of its member electrical and telecommunications construction companies, and of our skilled labor partners, the electricians and technicians of IBEW Local 103. In keeping with that understanding, NECA Boston and our labor partners at Local 103 are proud to co-sponsor the Greater Boston Joint Apprenticeship Training Committee (JATC), recognized nationally for its comprehensive training curriculum, state-of-the-art training facility, and its focus on safety training. The JATC program, detailed later in this article, has taken its emphasis on safety to an even higher level over the past several years.

Boston Hot Work Certificate Training

In October 2016, the JATC Greater Boston implemented the Boston Hot Work Certificate Training program for journeymen and apprentice electricians and technicians. To date, more than 80 stewards, journeymen and apprentices have completed training in the curriculum developed by the Boston Fire Department in collaboration with the NFPA. The program trains all construction workers engaged in hot work operations to identify fuel and ignition sources, informing them of all applicable standards, regulations, and ordinances,

As the City of Boston's Hot Work Safety Certificate Program took effect on January 1, 2017, and the City also introduces its new construction site safety regulations, the National Electrical Contractors Association (NECA), Boston Chapter and our member contractors are well prepared to help ensure stringent electrical safety programs and procedures are in place and strictly adhered to on construction sites where NECA members are handling electrical and telecommunications installations.

A leader in its commitment to safety, Boston Chapter of NECA understands that safety is the first and foremost prior-



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President, NECA Boston Chapter**

endeavoring to prevent fires in buildings during construction. JATC Hot Work Training will continue throughout 2017 with programs scheduled for the first quarter on January 25, February 13 and March 22.

New NECA Safety Meeting App

NECA Boston has also recently introduced the new NECA Safety Meeting App, which Boston member contractors are utilizing in the field to monitor safety on site, as well as enhance job site safety training. The Safety Meeting App, a cloud-based management tool, enables contractors' field personnel to efficiently and effectively manage and document safety meetings. It includes hundreds of general safety talks provided by experts in field of electrical construction.

Also in place to help ensure NECA Boston contractors are the safest in the industry, is the employment of the MSDS (Material Safety Data Sheets) program, providing up-to-date information as relates to the proper use of hazardous materials.

“As safety is the number one priority for NECA contractors, we look forward to working with the City of Boston to ensure all contractors working on projects in the City are employing the safest work practices,” said Joseph McCluskey,

Jr., CEO of E.G. Sawyer Company and President of NECA Boston Chapter.

“Here in Boston, NECA is heavily focused on having our contractors consistently implement the safest procedures and policies as relates to electrical construction on each and every job site,” he continued. “And on a national level, NECA works with the NFPA in helping develop the codes and standards that guide safety procedures and requirements in our industry, including the *National Electrical Codes*, and specifically *NFPA 70E*,” said McCluskey.



training in the field, and online training. The safety courses comprised in the curriculum and conducted in the state-of-the-art JATC electrical training facility include:

JATC Greater Boston Safety Courses

- OSHA 10 Hour and 30 Hour Training
- Job Information & Orientation
- Safety-related Work Practices
- First Aid and CPR
- Boston Hot Work Training Program
- Confined Spaces
- NFPA 70E
- Medium Voltage Cable Splicing



Safety Training Initiatives in State-of-the-Art JATC Safety Facility

In that safety training is the cornerstone on which all electrical training is based, the safety initiatives that NECA makes available are multi-dimensional. They cover all aspects of safety in the field, beginning with the industry's most comprehensive safety training program provided to all apprentice electricians and technicians, administered through the JATC.

During the course of its five-year Electrical Construction and Telecommunications Apprenticeship Training Programs, JATC of Greater Boston constantly educates its apprentices on the importance of safety in the workplace. A detailed curriculum, developed by the Electrical Training Alliance, utilizes a blended learning method, which incorporates 1000 hours of classroom training, 10,000 hours of hands-on

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(continued)



Along with the JATC safety-specific courses, electricians and technicians are thoroughly instructed on safety issues that directly relate to electrical and telecom training courses of study, including Fire Alarm, Grounding and Bonding, Transformers, Security, Motor Controls, Test Instruments, Cable Splicing, Hoisting and Rigging, Fiber Optics, and Conduit and Circuitry.

JATC Greater Boston Director of Training Jim O'Connell said, "We are proud to work closely with NECA Boston Chapter and IBEW Local 103 in having a highly qualified team of Safety Training instructors to instruct our apprentice electricians about all aspects of job site safety. Each trainer has both OSHA and Red Cross certifications, and they also have hands-on experience working in the field on all kinds of job site environments."

NECA's PPE Selector App Determines the Proper Safety Equipment in the Workplace

Achieving an Electrically Safe Work Condition (ESWC) is the mandate from NFPA 70E. In order to accomplish this, a risk assessment must be performed and safety controls implemented. NECA's PPE Selector App effectively allows NECA contractors to help electricians and supervisors determine the appropriate personal protective equipment to wear when there is a need to work around energized circuits.



JATC Greater Boston's Comprehensive Electrical Safety Training

Nationally recognized program and facility – the key to the industry's safest electrical workforce

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Glenn Kingsbury,
NECA Boston Chapter, Executive Manager



Adding to the impact of the comprehensive safety training program, the JATC facility features a specially designed Safety Seminar Training room, fully equipped with the latest OSHA compliant safety equipment – Personal Protection Equipment (PPE), safety tools, and other safety gear, making it an ideal learning environment for electricians. With state-of-the-art A/V capabilities, the JATC provides apprentices and journeymen with video and Powerpoint presentations focused on Arc Flash, PPE, Fall Protection, Confined Space, and many other safety programs.

The JATC Safety Seminar training room features virtually every type of electrical safety equipment required on job sites, including:

- Air Testing and Air Ventilation Equipment
- Arc Flash Fall Protection
- Arc Flash Gloves
- Arc Flash Hard Hat & Face Shield
- Confined Space Training – Confined Space Retrieval System with Harness
- Testing Suits to test the environment
- Confined Space Respiratory Equipment
- Fall Protection Equipment
- First Aid Training with full-size mannequins
- Flame Resistant Clothing – for all types of electrical environments from low to high voltage (clothing with ratings from 10 CAL to 40 CAL)
- Flame Resistant Rain Gear
- Insulating Glove Kits
- Insulated Voltage-rated Tools

- Lockout/Tagout Equipment & Signage – Safety Padlocks, Tags & Labels, Electrical Lockout Devices, including Circuit Breaker Lockouts
- Respirators for Dangerous Environments and “Proximity Detectors”
- Safety Glasses with Ear Protection
- Honeywell Eyelation Customized Safety Glasses – available with prescription
- Safety Harnesses
- Safety Helmets
- Safety Tools
- Switchboard Matting
- Volt Meters & Gas Detection Meters for Monitoring in Confined Spaces
- Ventilation to purge air in unsafe environments



Beyond the industry's most comprehensive apprenticeship training program, NECA Boston, Local 103 and JATC Greater Boston have ongoing continuing education programs in safety procedures for journeymen and foremen, including advanced foremen training, which also covers important aspects of job site safety.

“As the City of Boston institutes new policies as relates to construction site safety, NECA Boston Chapter looks forward to continuing our efforts to make sure our contractors are the safest in the industry, as well as being the most skilled in all aspects of electrical and tel/data construction,” said NECA Boston Chapter Executive Manager Glenn Kingsbury.

NECA 2017 Safety Professionals Conference set for Las Vegas, May 22-24



The National Electrical Contractors Association (NECA) has scheduled the electrical industry's premier safety conference during Electrical Safety Month, May 22-24, 2017 in Las Vegas, NV. Specifically created for safety professionals working in today's electri-

cal contracting industry, the 2017 NECA Safety Professionals Conference will provide up-to-date information on the latest issues affecting the safety of our workers and how to keep them safe on the job.

The event will be attended by NECA Safety Directors, HR

Professionals, Project Managers and Supervisors. Attendees will gain access to the latest safety and health information required to navigate the rapidly changing environment of our industry. Safety regulation, compliance, management techniques and standards development will be thoroughly covered. Multiple educational programs will be available for

both the inside and outside branches of the electrical contracting industry.

The conference goes beyond the basics providing resources and best practices related to electrical safety; and, practical information about “methods for implementation” that can be applied on the job immediately. Further details on speakers and the educational tracks will be available in early 2017. Registration opens in early spring.

Visit necasafetyconference.com to learn more.